



Auto Refinishing Products

Page 1/11

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Version no. 1

Safety Data Sheet
according to WHS Regulations

Hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

· Product identifier

· **Trade name:** BODY POLY 780 POLYESTER THINNER

· **Article number:** 850

· **CAS Number:**

141-78-6

· **EC number:**

205-500-4

· **Index number:**

607-022-00-5

· **Relevant identified uses of the substance or mixture and uses advised against**

· **Sector of Use** SU21 Consumer uses: Private households / general public / consumers

· **Product category** PC9a Coatings and paints, thinners, paint removers

· **Process category** PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

· **Environmental release category**

ERC6d Use of reactive process regulators in polymerisation processes at industrial site (inclusion or not into/onto article)

· **Article category** AC1 Vehicles

· **Application of the substance / the mixture**

Thinner, Diluent

Surface protection

· Details of the supplier of the safety data sheet

· **Manufacturer/Supplier:**

HB BODY S.A.

B' ENTRANCE BLOCK 50 DA9 & MB6 Str

THESSALONIKI INDUSTRIAL AREA

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Continue on page 2
AU

Trade name: BODY POLY 780 POLYESTER THINNER

· **Further information obtainable from:**

Sydney Automotive Paints & Equipment PTY LTD
Unit A3, 366 Edgar St. Condell Park NSW 2200
AUSTRALIA, Tel. +02 9772 9000 , +02 9772 9001

· **Emergency telephone number:**

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131 126, New Zeland 0800 764 766.

* **2 Hazard(s) Identification**

· **Classification of the substance or mixture**



Flam. Liq. 2 H225 Highly flammable liquid and vapour.



Eye Irritation 2A H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

· **Label elements**

· **GHS label elements** The substance is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**



· **Signal word** Danger

· **Hazard statements**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

· **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**

AUH066 Repeated exposure may cause skin dryness or cracking.

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

Trade name: **BODY POLY 780 POLYESTER THINNER**

* **3 Composition and Information on Ingredients**

- Chemical characterisation: Substances
- **CAS No. Description**
141-78-6 ethyl acetate
- **Identification number(s)**
- **EC number:** 205-500-4
- **Index number:** 607-022-00-5
- **ELINCS Number:** -

4 First Aid Measures

- Description of first aid measures
- **General information:**
Immediately remove any clothing soiled by the product.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately rinse with water.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Remove contact lenses in case of eye contamination and irrigate copiously with clean water for at least 15 minutes trying to hold the eye lids open.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

* **5 Fire Fighting Measures**

- Extinguishing media
- **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
Firefighters should always use protective equipment and breathing apparatus when handling fire coming from these products
- **Special protective equipment and fire fighting procedures:** No special measures required.
- Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

Trade name: BODY POLY 780 POLYESTER THINNER

See Section 13 for disposal information.

* **7 Handling and Storage**

· **Handling:**

· **Precautions for safe handling**

Use only in well ventilated areas.
Handle with care. Avoid jolting, friction and impact.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

· **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

· **Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** Store in a cool location.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:**

Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

· **Specific end use(s)** No further relevant information available.

* **8 Exposure controls and personal protection**

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

141-78-6 ethyl acetate

WES Short-term value: 1440 mg/m³, 400 ppm

Long-term value: 720 mg/m³, 200 ppm

· **Additional information:** The lists valid during the making were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Trade name: **BODY POLY 780 POLYESTER THINNER**

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **For the permanent contact gloves made of the following materials are suitable:** Fluorocarbon rubber (Viton)

· **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Rubber gloves

· **Eye protection:**



Tightly sealed goggles

· **Body protection:** Protective work clothing

* 9 Physical and Chemical Properties

· Information on basic physical and chemical properties

· **General Information**

· **Appearance:**

Form: Fluid

Colour: Colourless

· **Odour:** Fruit-like

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

Melting point/freezing point: -83.57 °C

Initial boiling point and boiling range: 77-78 °C

· **Flash point:** -1 °C

· **Flammability (solid, gas):** Not applicable.

· **Autoignition temperature:** 460 °C

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Not determined.

· **Explosive properties:** Risk of explosion by shock, friction, fire or other sources of ignition.

· **Explosion limits:**

Lower: 2.1 Vol %

Upper: 11.5 Vol %

· **Vapour pressure at 20 °C:** 97 hPa

· **Density at 20 °C:** 0.9 g/cm³

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

Continue on page 6

AU

Trade name: **BODY POLY 780 POLYESTER THINNER**

- **Solubility in / Miscibility with water at 20 °C:** 79 g/l
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
 - Dynamic at 20 °C:** 0,44 mPas
 - Kinematic:** Not determined.
 - Organic solvents:** 100,0 %
 - VOC (EC)** 900,0 g/l
 - Solids content (volume):** 0,0 %
- **Other information** No further relevant information available.

10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity**
- **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)

Inhalative LC50/4 h 1,600 mg/l (rat)

141-78-6 ethyl acetate

Oral LD50 5,620 mg/kg (rabbit)

Inhalative LC50/4 h 1,600 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** No irritant effect.
- **Serious eye damage/irritation** Irritating effect.
- **Respiratory or skin sensitisation** Sensitising effect through inhalation is possible by prolonged exposure.

12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:**

This product is not toxic for the aquatic life. Nevertheless do not dispose the product or any cleaning solvents used along with this product into the sea
- **Persistence and degradability**

This product contains polyestheric molecules and organic solvents and is not known to be bioaccumulative. It can be considered as biodegradable in small quantities. In case of disposal, it should be treated as a hazardous material and should be disposed accordingly. Do not just throw it away

Trade name: **BODY POLY 780 POLYESTER THINNER**

- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT).
- **vPvB:** This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).
- **Other adverse effects** No further relevant information available.

* **13 Disposal considerations**

- **Waste treatment methods**
- **Recommendation** Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

* **14 Transport information**

- **UN-Number**
- **ADG, IMDG, IATA** UN1173
- **UN proper shipping name**
- **ADG** UN1173 ETHYL ACETATE
- **IMDG, IATA** ETHYL ACETATE
- **Transport hazard class(es)**
- **ADG**



- **Class** 3 (F1) Flammable liquids.
- **Label** 3
- **IMDG, IATA**



- **Class** 3 Flammable liquids.
- **Label** 3
- **Packing group**
- **ADG, IMDG, IATA** II
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Warning: Flammable liquids.

Trade name: **BODY POLY 780 POLYESTER THINNER**

- **Hazard identification number (Kemler code):** 33
- **EMS Number:** 3-07
- **Stowage Category** B
- **Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.
- **Transport/Additional information:**
- **ADG**
- **Limited quantities (LQ)** 1L
- **Excepted quantities (EQ)** Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml
- **Transport category** 2
- **Tunnel restriction code** D/E
- **IMDG**
- **Limited quantities (LQ)** 1L
- **Excepted quantities (EQ)** Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml
- **UN "Model Regulation":** UN 1173 ETHYL ACETATE, 3, II

* 15 Regulatory information

·3YE

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

Substance is not listed.

· **Australian Inventory of Industrial Chemicals**

Substance is listed.

· **Standard for the Uniform Scheduling of Medicines and Poisons**

Substance is not listed.

· **Australia: Priority Existing Chemicals**

Substance is not listed.

· **GHS label elements** The substance is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**



GHS02

GHS07

· **Signal word** Danger

· **Hazard statements**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

· **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

Continue on page 9

AU

Trade name: BODY POLY 780 POLYESTER THINNER

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** Substance is not listed.
- **Seveso category** P5c FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

* **16 Other information**

This information is based on our current knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Department of Quality Control

· **Contact:**

HB BODY S.A
Ms Olympia Stamkou
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· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

- * **Data compared to the previous version altered.**

Trade name: BODY POLY 780 POLYESTER THINNER**Annex: Exposure scenario**

- **Short title of the exposure scenario**
- **Sector of Use** SU21 Consumer uses: Private households / general public / consumers
- **Product category** PC9a Coatings and paints, thinners, paint removers
- **Process category** PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
- **Article category** AC1 Vehicles
- **Environmental release category**
ERC6d Use of reactive process regulators in polymerisation processes at industrial site (inclusion or not into/onto article)
- **Description of the activities / processes covered in the Exposure Scenario**
See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use** According to directions for use.
- **Duration and frequency** Frequency of use:
- **Physical parameters**
The data on the physical - chemical properties in the Exposure Scenario is based on the properties of the preparation.
- **Physical state** Fluid
- **Concentration of the substance in the mixture** Raw material.
- **Used amount per time or activity** Smaller than 100 g per application.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** No special measures required.
- **Other operational conditions affecting worker exposure**
Avoid contact with eyes.
Take precautionary measures against static discharge.
Keep away from sources of ignition - No smoking.
- **Other operational conditions affecting consumer exposure** Keep out of the reach of children.
- **Other operational conditions affecting consumer exposure during the use of the product** Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures**
Ensure good ventilation. This can be achieved by using a local exhaustion or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.
- **Technical protective measures**
Provide explosion-proof electrical equipment.
Ensure that suitable extractors are available on processing machines
- **Personal protective measures**
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes.
Tightly sealed goggles
Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Measures for consumer protection**
Ensure adequate labelling.
Keep locked up and out of the reach of children.
Observe consumer information and advice on safe use.
- **Environmental protection measures**
- **Water** Do not allow to reach sewage system. Dispose of this product and its container at hazardous or special waste collection point.
- **Soil** The product is only processed over the concrete collecting basin.

Continue on page 11

AU

Trade name: BODY POLY 780 POLYESTER THINNER

- **Disposal measures** Ensure that waste is collected and contained.
- **Disposal procedures** Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Waste type** Partially emptied and uncleaned packaging

Exposure estimation**Consumer**

This product is to be used by professional technicians only.

The highest inhalative exposure to be expected for consumers is 100 ppm.

The highest dermal exposure to be expected for consumers is 27.429 mg / kg / day.

The highest oral exposure to be expected for consumers is 25.699 mg / kg / day.

Guidance for downstream users

Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.